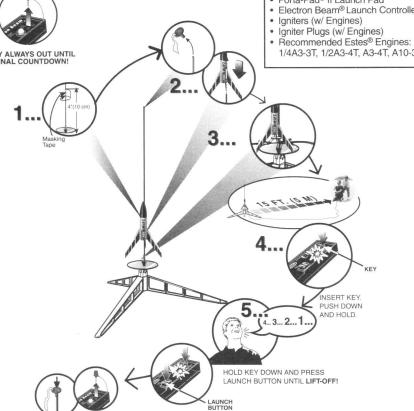
### **ENGINE PREP** ★ WARNING: FLAMMABLE To avoid serious injury, read instructions & NAR Safety Code included with engines. PREPARE YOUR ENGINE NOTE: If necessary, place a piece of tape on side of engine to friction fit it in body. IMPORTANT: Engine must not fit too tightly ONLY WHEN YOU ARE D. OUTSIDE AT THE LAUNCH **B.** Tip must touch SITE PREPARING TO LAUNCH! into rocket. When the engine ejection charge If you do not use your prepared propellant. fires, the engine is pushed out of the rocket. engine, remove the igniter before storing your engine. LAUNCH SUPPLIES COUNTDOWN AND LAUNCH (Sold Separately): Porta-Pad® II Launch Pad • Electron Beam® Launch Controller · Igniters (w/ Engines) Igniter Plugs (w/ Engines) Recommended Estes® Engines: 1/4A3-3T, 1/2A3-4T, A3-4T, A10-3T. KEY ALWAYS OUT UNTIL FINAL COUNTDOWN!



# **PRECAUTIONS**



NO DRY

## FLYING YOUR ROCKET

Choose a large field (500 ft. [152 m] square) free of dry weeds and brown grass. The larger the launch area, the better your chance of recovering your rocket. Football fields and playgrounds are great. Launch only with little or no wind and good visibility.

Always follow the National Association of Rocketry (NAR) SAFETY CODE.

#### **MISFIRES**

TAKETHE KEY OUT OF THE CONTROLLER. WAIT ONE MINUTE BEFORE GOING NEAR THE ROCKET! Take the plug and igniter out of the engine. If the igniter has burned, it worked but did not ignite the engine because it was not touching the propellant inside the engine. Put a new igniter all the way inside the GHASS OR WEEDS Countdown and Launch.

www.estesrockets.com

**ESTES INDUSTRIES** 1295 H Street Penrose, CO 81240 PRINTED IN CHINA



**EST 0810** MINI-ENGINE ROCKET FLYING MODEL ROCKET KIT **INSTRUCTIONS** 

KEEP FOR FUTURE REFERENCE.

# LY TID. **ASSEMBLY TIP:**

Read all instructions before beginning work on your model. Make sure you have all parts and supplies.

## **TEST-FIT ALL PARTS TOGETHER** BEFORE APPLYING ANY GLUE!

If any parts don't fit properly, sand as required for precision assembly.

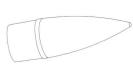
## PARTS:

Locate the parts shown below and lay them out on the table in front of you. DO NOT USE THIS DRAWING TO ASSEMBLE YOUR ROCKET.



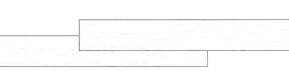


(30290)



Plastic Nose Cone (1) (72609)

Launch Lug 1/8" x 1 1/4" (1) (38175)



Decal Sheet (1) (60574)

Balsa Strips (2) (32104)

# **SUPPLIES**

In addition to the parts included in the kit you will also need:











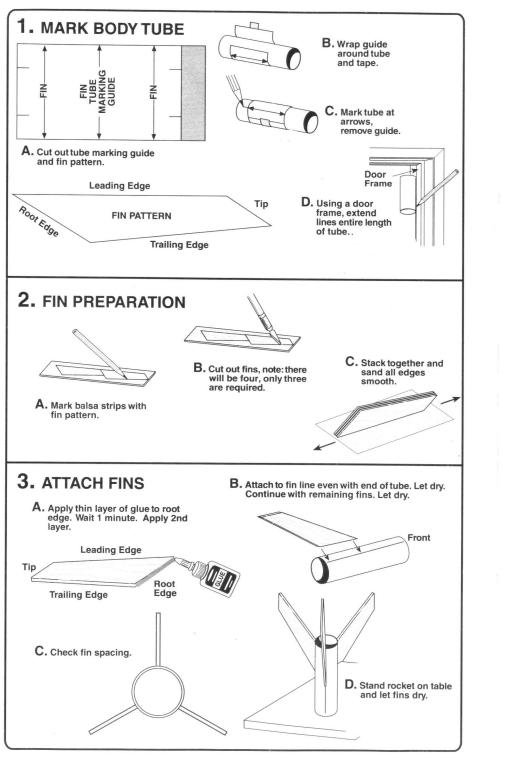


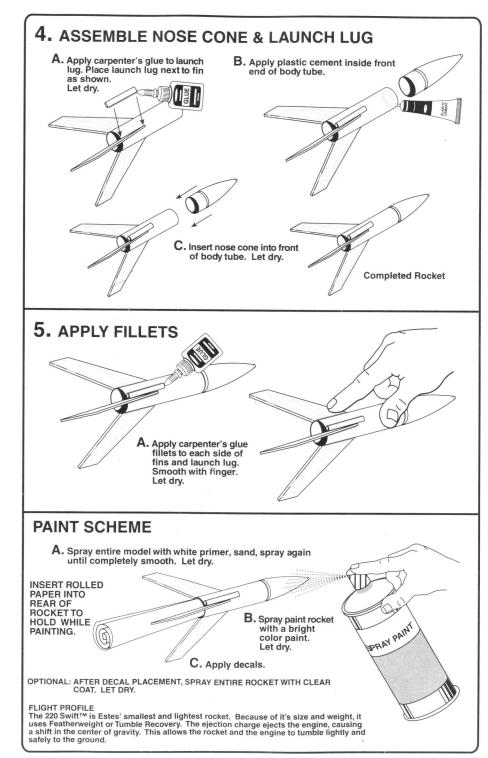


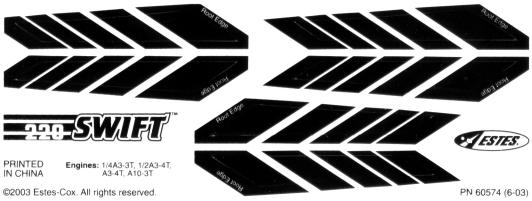




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POCKET

SKILL LEVEL 1

220 **SWIF**T

- Sleek, High Speed Design!
- Lightweight Tumble Recovery!
- Flies to 750 Ft.com/

Length: 4.5 in. (fl.4 cm) Diameter 0.54 in. (fl.4 cm) Diameter 0.59 in. (fl.4 cm) Billiude: 750 ft. (229 m) Recovery: Tumble Engines: (ARI3-31, 1/293-41, R3-41, R03-31

PN 60575 (06-03

Assembly required.
Glue, frishing supplies and launch supplies

FST 0810



Call 1-885-43-SPACE feference ESPES, or Walt service species and com-

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